O'Bryen, Barbara

Fr m:

Switzer, Juliet

Sent: To:

Tuesday, September 09, 2003 10:05 AM O'Bryen, Barbara

Subject:

please search

10/085056

please search for this application seq id no 1-5 and 15-18 and 24 in all prior art databases. please return results on disk.

please do a registery search for seq id no 2 and 15 (and complements), in oligos of 100 bp or fewer, printing alignments, and crossing as appropriate.

THANKS, **Juliet Switzer** Art Unit 1634 703 306 5824 office CM1 12D15 mailbox CM1 12E12 => fil reg; d que 13 FILE 'REGISTRY' ENTERED AT 14:15:59 ON 09 SEP 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 SEP 2003 HIGHEST RN 581771-84-8 DICTIONARY FILE UPDATES: 8 SEP 2003 HIGHEST RN 581771-84-8

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

L2 83 SEA FILE=REGISTRY ABB-ON UGGCGAUUUAUCUGCAUCCC|GGGAUGCAGAUAAAUC
GCCA|UUUUUAUCGCUUUGCUGAUUUUUCA|UGAAAAAUCAGCAAAGCGAUAAAAA/SQSN
L3 12 SEA FILE=REGISTRY ABB=ON L2 AND SQL<101

=> d rn cn kwic nte lc 1-12

L3 ANSWER 1 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 503719-94-6 REGISTRY

CN GenBank BD174571 (9CI) (CA INDEX NAME)

SQL 53

SEQ 1 aattotaata cgactcacta tagggagatt tttatcgctt tgctgatttt

51 tca

HITS AT: 29-53

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LC STN Files: GENBANK

===

L3 ANSWER 2 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 503719-86-6 REGISTRY

CN GenBank BD174563 (9CI) (CA INDEX NAME)

SQL 39

SEQ 1 tggcgattta tctgcatccc cgtacgactg atccctgca

HITS AT: 1-20

RELATED SEQUENCES AVAILABLE WITH SEOLINK

LC STN Files: GENBANK

L3 ANSWER 3 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 503719-73-1 REGISTRY

CN GenBank BD174550 (9CI) (CA INDEX NAME)

SQL 25

Page 2

SEQ 1 tttttatcgc tttgctgatt tttca

HITS AT: 1-25

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LC STN Files: GENBANK

L3 ANSWER 4 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 503719-60-6 REGISTRY

CN GenBank BD174537 (9CI) (CA INDEX NAME)

SQL 20

SEQ 1 tggcgattta tctgcatccc

HITS AT: 1-20

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LC STN Files: GENBANK

L3 ANSWER 5 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 493197-45-8 REGISTRY

CN GenBank AX524907 (9CI) (CA INDEX NAME)

SQL 53

SEQ 1 aattotaata cgactcacta tagggagatt tttatcgctt tgctgatttt

-- ----- -----

51 tca

=== HITS AT: 29-53

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LC STN Files: GENBANK

L3 ANSWER 6 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 493197-37-8 REGISTRY

CN GenBank AX524899 (9CI) (CA INDEX NAME)

SQL 39

SEQ 1 tggcgattta tctgcatccc cgtacgactg atccctgca

HITS AT: 1-20

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LC STN Files: GENBANK

L3 ANSWER 7 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 493197-24-3 REGISTRY

CN GenBank AX524886 (9CI) (CA INDEX NAME)

SQL 25

SEQ 1 tttttatcgc tttgctgatt tttca

HITS AT: 1-25

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LC STN Files: GENBANK

L3 ANSWER 8 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

RN 493197-11-8 REGISTRY

CN GenBank AX524873 (9CI) (CA INDEX NAME)

SQL 20

SEQ 1 tggcgattta tctgcatccc

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HITS AT: 1-20

RELATED SEQUENCES AVAILABLE WITH SEQLINK

STN Files: GENBANK

L3 ANSWER 9 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

455348-91-1 REGISTRY RN

CN 36: PN: EP1236806 SEQID: 36 unclaimed DNA (9CI) (CA INDEX NAME)

SQL 53

l aattotaata egaeteaeta tagggagatt tttategett tgetgatttt SEQ

51 tca ===

HITS AT: 29-53

RELATED SEQUENCES AVAILABLE WITH SEQLINK

STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

ANSWER 10 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN L3

RN455348-83-1 REGISTRY

DNA, d(T-G-G-C-G-A-T-T-T-A-T-C-T-G-C-A-T-C-C-C-G-T-A-C-G-A-C-T-G-A-T-C-C-CN

C-T-G-C-A) (9CI) (CA INDEX NAME)

OTHER NAMES:

28: PN: EP1236806 SEQID: 28 unclaimed DNA CN

SQL 39

1 tggcgattta tctgcatccc cgtacgactg atccctgca SEQ

HITS AT: 1-20

RELATED SEQUENCES AVAILABLE WITH SEQLINK

STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

L3 ANSWER 11 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN

455347-93-0 REGISTRY RN

CN DNA, d(T-T-T-T-T-A-T-C-G-C-T-T-T-G-C-T-G-A-T-T-T-T-C-A) (9CI) (CA INDEX NAME)

OTHER NAMES:

15: PN: EP1236806 SEQID: 15 claimed DNA CN

SQL **25**

SEQ 1 tttttatcgc tttgctgatt tttca

HITS AT: 1-25

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LCSTN Files: CA, CAPLUS, TOXCENTER, USPATFULL

ANSWER 12 OF 12 REGISTRY COPYRIGHT 2003 ACS on STN L3

455347-80-5 REGISTRY RN

DNA, d(T-G-G-C-G-A-T-T-A-T-C-T-G-C-A-T-C-C-C) (9CI) (CA INDEX NAME) CN

OTHER NAMES:

CN 2: PN: EP1236806 SEQID: 2 claimed DNA

SQL 20

SEO 1 tggcgattta tctgcatccc

HITS AT: 1 - 20

RELATED SEQUENCES AVAILABLE WITH SEQLINK

STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

```
=> fil capl toxcenter uspatf; s 13

FILE 'CAPLUS' ENTERED AT 14:16:34 ON 09 SEP 2003

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FILE 'TOXCENTER' ENTERED AT 14:16:34 ON 09 SEP 2003 COPYRIGHT (C) 2003 ACS

FILE 'USPATFULL' ENTERED AT 14:16:34 ON 09 SEP 2003
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L4 3 L3

=> dup rem 14
PROCESSING COMPLETED FOR L4

L5 2 DUP REM L4 (1 DUPLICATE REMOVED)

ANSWER '1' FROM FILE CAPLUS ANSWER '2' FROM FILE USPATFULL

=> d ibib ab hitrn 1-2; fil hom

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2002:671994 CAPLUS

DOCUMENT NUMBER: 137:215237

TITLE: Oligonucleotide and method for detecting verotoxin for

the diagnostic application

INVENTOR(S): Maruyama, Takahiro; Ishiguro, Takahiro; Taya, Toshiki

PATENT ASSIGNEE(S): To soh Corporation, Japan SOURCE: Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
TD 1026006		TD 0000 4070 00000704
EP 1236806	A2 20020904	EP 2002-4879 20020304
R: AT, BE,	CH, DE, DK, ES,	FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI,	LT, LV, FI, RO,	MK, CY, AL, TR
JP 2002253257	A2 20020910	JP 2001-58143 20010302
US 2003008305	A1 20030109	US 2002-85056 20020301
PRIORITY APPLN. INFO	.:	JP 2001-58143 A 20010302

AB An oligonucleotide capable of binding to the intramol. structure-free region of Verotoxin type 1 RNA or Verotoxin type 2 RNA at relatively low and const. temp., and which can be used in a const. temp. nucleic acid amplification method, is provided. Also, a simple, speedy and highly sensitive method for detecting Verotoxin type 1 RNA or Verotoxin type 2 RNA is provided.

IT 455347-80-5 455347-93-0

RL: ARG (Analytical reagent use); DGN (Diagnostic use); PRP (Properties); ANST (Analytical study); BIOL (Biological study); USES (Uses) (nucleotide sequence of PCR primer; oligonucleotide and method for

detecting verotoxin for diagnostic application)

IT 455348-83-1 455348-91-1

RL: PRP (Properties)

(unclaimed nucleotide sequence; oligonucleotide and method for detecting verotoxin for the diagnostic application)

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Page 5

ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2003:10610 USPATFULL

TITLE: Oligonucleotide and method for detecting verotoxin

Maruyama, Takahiro, Yokohama-shi, JAPAN INVENTOR(S):

Ishiguro, Takahiko, Yokohama-shi, JAPAN

Taya, Toshiki, Sagamihara-shi, JAPAN

TOSOH CORPORATION, Shinnanyo-shi, JAPAN, 746-8501 PATENT ASSIGNEE(S):

(non-U.S. corporation)

NUMBER KIND DATE ______

US 2003008305 A1 20030109 PATENT INFORMATION:

APPLICATION INFO.: US 2002-85056 A1 20020301 (10)

> NUMBER DATE _____

PRIORITY INFORMATION: JP 2001-58143 20010302

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

LEGAL REPRESENTATIVE: OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH

FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA,

22202

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS:

8 Drawing Page(s)

LINE COUNT: 1108

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

An oligonucleotide capable of binding to the intramolecular

structure-free region of Verotoxin type 1 RNA or Verotoxin type 2 RNA at relatively low and constant temperature, and which can be used in a constant temperature nucleic acid amplification method, is provided. Also, a simple, speedy and highly sensitive method for detecting

Verotoxin type 1 RNA or Verotoxin type 2 RNA is provided.

455347-80-5 455347-93-0 ΙT

(nucleotide sequence of PCR primer; oligonucleotide and method for

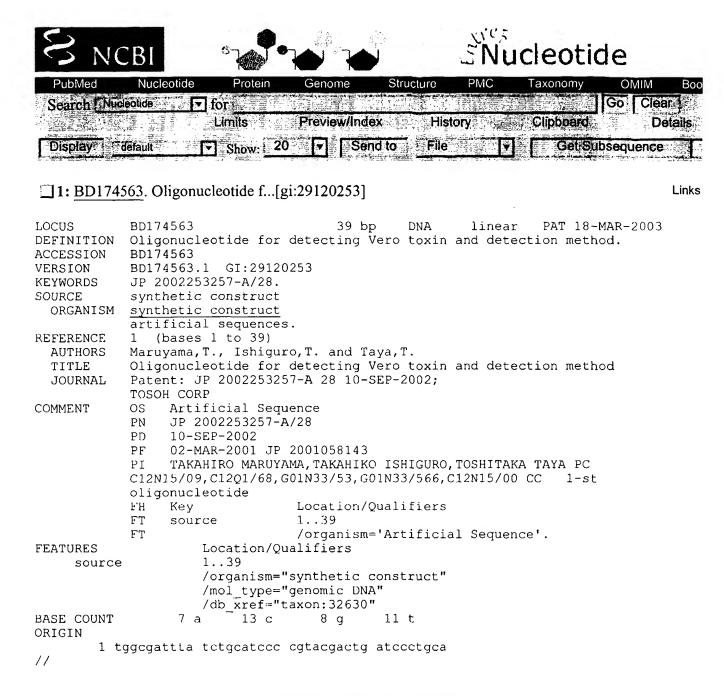
detecting verotoxin for diagnostic application)

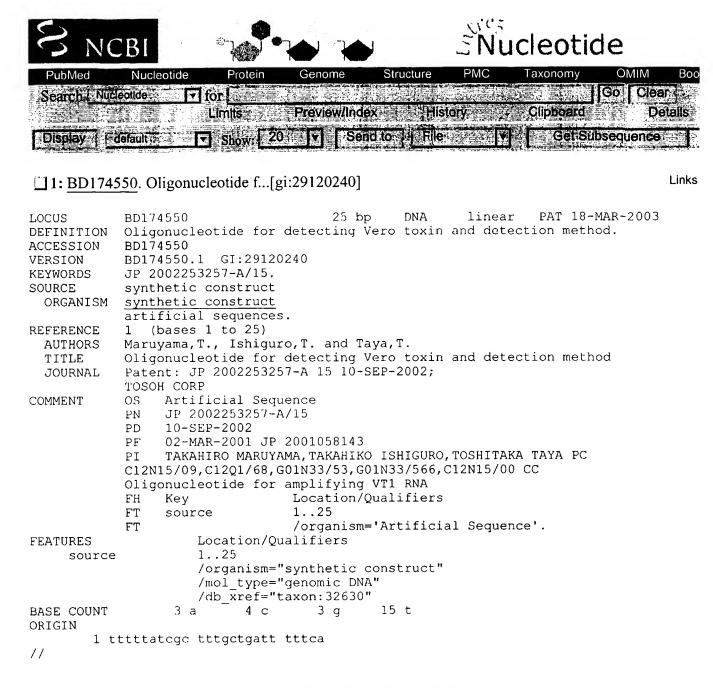
455348-83-1 455348-91-1 ΙT

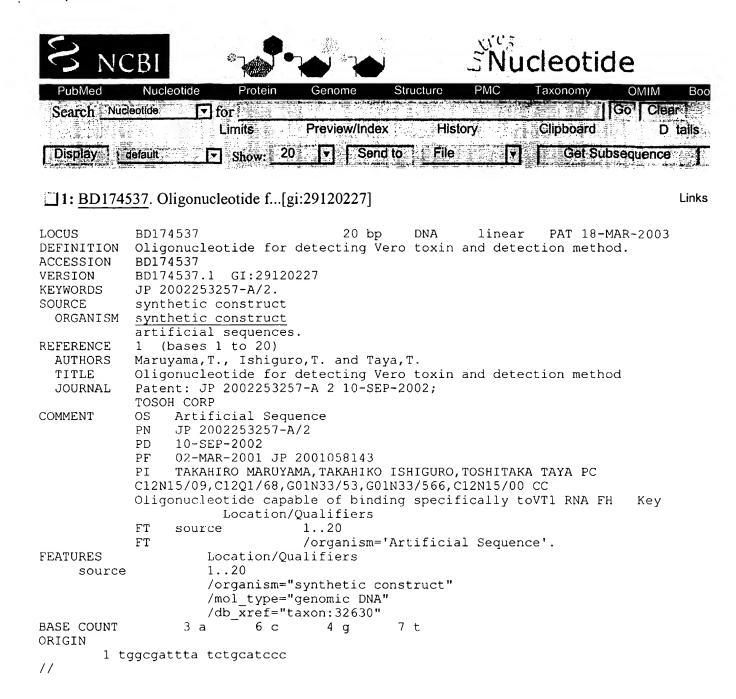
> (unclaimed nucleotide sequence; oligonucleotide and method for detecting verotoxin for the diagnostic application)

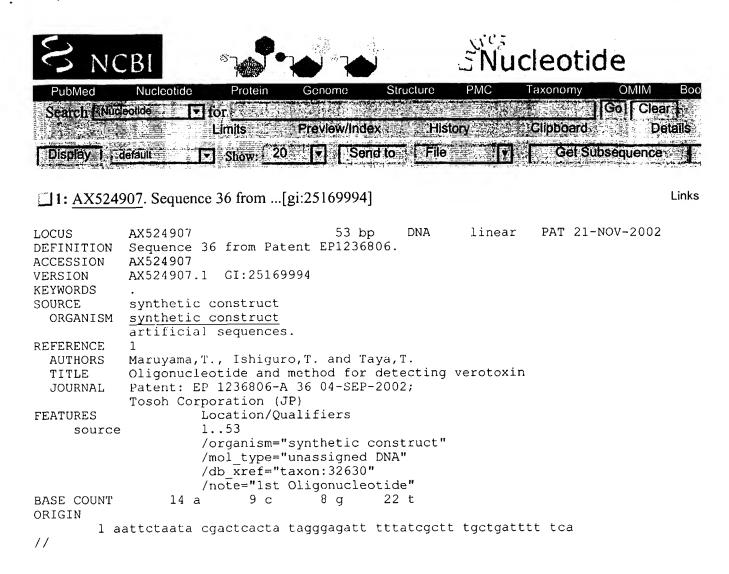
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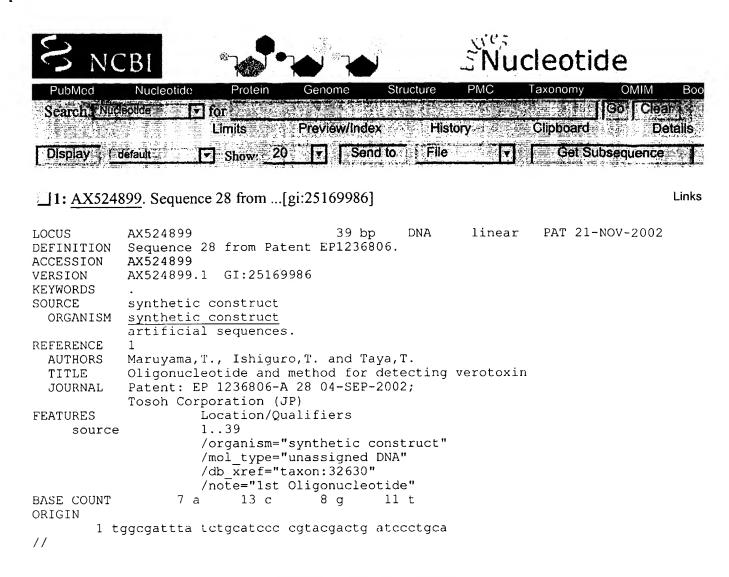




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Sep 4 2003 10:24:36

1 of 1 9/9/03 2·20 PM



Sep 4 2003 10:24:36

1 of 1 9/9/03 2:20 PM

